

National Functional Guidelines Report #03

Lab DATA(ALS Environmental)
 SDG F2A01
 Case 43795
 Contract EPW11037
 Region 6
 DDTID 183537
 SOW SOM01.2

Data Review Reports

DMC/Surrogate

.0DMC/Surrogate	BNA
BDSS15	The following semivolatle samples have deuterated monitoring compound recovery below the lower limit of the criteria window. Detected compounds are qualified J. Nondetected compounds are qualified UJ.
	F2B29
	2-Nitrophenol-d4 F2B29
	2-Nitrophenol, Isophorone

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Detection Limit

Detection Limit	BNA
BDL1	The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	F2B29, F2B31, F2B35, F2B39, F2B61
	Di-n-butylphthalate F2B29
	Benzaldehyde F2B29, F2B31, F2B39, F2B61
	Phenol F2B31, F2B61
	Acetophenone F2B29, F2B31, F2B61
	Dimethylphthalate F2B29
	Bis(2-ethylhexyl)phthalate F2B29, F2B35

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Detection Limit

Detection Limit	BNA_SIM
BDL1	The following semivolatile samples have analyte concentrations below the quantitaion limit (CRQL). Detected compounds are qualified J. Nondetected compounds are not qualified.
	F2A01, F2A03, F2A09, F2A11, F2B29, F2B31, F2B33, F2B35, F2B37, F2B53
	Benzo(k)fluoranthene F2B33, F2B35, F2B37
	Fluoranthene F2A01
	Chrysene F2A01, F2A03, F2A09, F2A11, F2B53
	Phenanthrene F2A03, F2B29, F2B31, F2B33, F2B35, F2B37
	Benzo(b)fluoranthene F2A01, F2A11, F2B53
	Benzo(g,h,i)perylene F2B33, F2B35
	Naphthalene F2B29, F2B31
	Benzo(a)pyrene F2A03, F2A09, F2B37, F2B53
	Pyrene F2A01
	2-Methylnaphthalene F2B29, F2B31
	Indeno(1,2,3-cd)pyrene F2A01, F2A03, F2B37
	Benzo(a)anthracene F2A01, F2A03, F2B53

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Initial Calibration

Initial Calibration	BNA_SIM
BC5	The following semivolatile samples are associated with an initial calibration percent relative standard deviation (%RSD) outside criteria. Detected compounds are qualified J. Nondetected compounds are not qualified. Use professional judgement to qualify non-detected compounds.
	F2A07, F2A09, F2A11, F2B37, F2B39, F2B53, F2B55, F2B57, F2B61, SBLK42
	Pentachlorophenol SSTD001GG
	F2A07, F2A09, F2A11, F2B37, F2B39, F2B53, F2B55, F2B57, F2B61, SBLK42

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Data Review Reports

TIC

TIC	BNA
BTIC1	A library search indicates a match at or above 85% for a TIC compound in the semivolatle sample. Detected compounds are qualified NJ. Nondetected compounds are not qualified.
	F2A01, F2A03, F2A05, F2A07, F2A09, F2A11, F2A13, F2B29, F2B31, F2B33, F2B35, F2B37, F2B39, F2B53, F2B55, F2B57, F2B61, SBLK42
	trans-1,2-Bis(methyldichlorosilyl)ethylene F2B29
	Hexylene glycol F2A01, F2A03, F2A05, F2A11, F2A13, F2B29, F2B31, F2B35, F2B39, F2B57, F2B61
	Hexadecanamide F2A05, F2A13, F2B29, F2B31, F2B39, F2B61, SBLK42
	n-Nonadecanol-1 SBLK42
	1-Tetradecene SBLK42
	Tetradecanamide F2A13, F2B39, F2B57
	Ethanol, 2-(tetradecyloxy)- SBLK42
	Friedelan-3-one F2B53
	1-Octadecene F2A05, F2A13, F2B29, F2B31, F2B39, F2B57, F2B61, SBLK42
	Heptadecyl trifluoroacetate SBLK42
	E-14-Hexadecenal F2A13
	Trifluoroacetoxy hexadecane SBLK42
	1-Heneicosanol F2B31
	E-15-Heptadecenal F2B31
	Tetradecanoic acid F2B31
	Octatriacontyl pentafluoropropionate SBLK42
	8-Pentadecanone SBLK42
	Oxalic acid, isobutyl hexadecyl ester F2B39
	3-Eicosene, (E)- F2B29, F2B31, F2B39, F2B57, F2B61
	9-Octadecenamamide, (Z)- F2A01, F2A03, F2A05, F2A07, F2A09, F2A11, F2A13, F2B29, F2B31, F2B33, F2B35, F2B37, F2B39, F2B53, F2B55, F2B57, F2B61, SBLK42
	Cetene F2A05, F2A13, F2B29, F2B31, F2B39, F2B57, F2B61, SBLK42
	Octadecanoic acid F2B31
	Octanoic acid F2B31
	10-Nonadecanone F2A13, F2B31, F2B39, SBLK42
	n-Hexadecanoic acid F2A13, F2B31, F2B39, F2B61

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TIC

TIC	BNA
	1-Decene F2B61
	Octadecanamide F2A05, F2A13
	3-Acetylphenanthrene F2A05, F2B39, SBLK42
	Z-5-Nonadecene F2B57
	1-Hexacosene F2B39
	Pentafluoropropionic acid, heptadecyl ester SBLK42
	1-Docosene F2B61
	9-Acetylphenanthrene F2A13, F2B31
	Dodecanoic acid F2B31
TIC	BNA
BTIC2	A library search indicates a match below 85% for a TIC compound in the semivolatile sample Detected compounds are qualified J. Nondetected compounds are not qualified.
	F2A01, F2A05, F2A09, F2A13, F2B29, F2B31, F2B33, F2B39, F2B53, F2B57, F2B61, SBLK42
	Unknown 6-Nitroundec-5-ene F2A13
	Unknown 3-Pyridinecarboxylic acid, 1,2,5,6-tetrahydro-1- F2B31
	Unknown 16-Hentriacontanone F2A05, F2B31, F2B61
	Unknown 5H-Pyrrolo[3,4-b]pyrazine-5,7(6H)-dione, 6-(phen F2B39, F2B53
	Unknown 3,4-Bis-(methylthio)-quinoline F2A01
	Unknown 9-Octadecenamide, (Z)- F2A13
	Unknown 1,2,3-Propanetriol, 1-acetate F2B31
	Unknown 1,2-Benzenedicarboxylic acid F2B39
	Unknown 2H-Cyclopentacyclooctene, 4,5,6,7,8,9-hexahydro- F2B57
	Unknown 1-Docosene F2B31, F2B61
	Unknown 1,1-Dichloropentane F2A13
	Unknown 4-Fluoro-2-nitroaniline F2B39
	Unknown Hexadecanoic acid, 4-nitrophenyl ester F2A09, F2A13
	Unknown Benzo[c]thiophen-1(3H)-one, 3-(3-oxobenzo[c]thie F2B29, F2B61
	Unknown Naphthalene, 1,6-dimethyl- SBLK42

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TIC

TIC	BNA
	Unknown 1H-Pyrazol-5-ol, 1,3-bis(4-methoxyphenyl)- F2B31
	Unknown 8-Octadecanone F2A05, F2A13, F2B31, F2B39, F2B61, SBLK42
	Unknown Octadecanamide F2B39
	Unknown Eicosanoic acid, 2,3-bis(acetyloxy)propyl ester F2A05
	Unknown 5-(2-Chlorophenyl)-3-[5-(trifluoromethyl)pyridin F2A05
	Unknown Phthalic anhydride F2A05, F2A13, F2B29, F2B31, F2B53, F2B61
	Unknown 2,5,5,8a-Tetramethyl-6,7,8,8a-tetrahydro-5H-naph F2B39
	Unknown 3-Hexene-2,5-dione SBLK42
	Unknown Bicyclo[3.3.0]oct-1(5)-ene F2A13
	Unknown 1-Cyclohexylheptene SBLK42
	Unknown Oxalic acid, isobutyl octadecyl ester SBLK42
	Unknown D-Homoestra-1,3,5(10),15-tetraen-17a-one, 3-meth F2A13, F2B39
	Unknown 2,5-Hexanedione SBLK42
	Unknown Picolinyl 8-(5-hexyl-2-furyl)-octanoate F2A09, F2B53
	Unknown 2-Methyl-4,4-diphenyl-3,4-dihydro-quinazoline F2A01
	Unknown Acetic acid, 2-[2-hydroxy(phenyl)methyl-1-benzim F2A09
	Unknown 4-Dibenzofuranamine F2B31
	Unknown 1-Naphthalenemethanamine, .alpha.-methyl-, (R)- F2A05, F2B31, F2B61, SBLK42
	Unknown 1,4-Dimethyl-8-isopropylidetricyclo[5.3.0.0(4), F2B33